

1997 ASOTIN CREEK WATERSHED PROJECTS PROJECT REVIEW

Project Name: Asotin Creek Channel and Fish Habitat Restoration

BPA Project Number: 97-82

BPA Contract Number: 97AP36971

Project Implenmentor and Address: Asotin County Conservation District

725 6th Street, Suite 102

Clarkston, WA 99403

Project Leader(s): Bradley J. Johnson, District Manager

Project Description (Short): Improve in-stream fish habitat, re-establish geomorphic stability of the stream and recovery of the riparian community.

Location Information:

Site Name (i.e. creek, hatchery): Asotin Creek WatershedThiessen Site #6 and #7

Subsite Name (i.e. specific location, legal description):R44E, T10N, Sec. 25, SW 1/4

County & State: Asotin County, Washington

Hydrounit Number: 17060103040

Quad Map(s): Rock Pile Creek

Site Type Description (See Attachment 1): F, S

Work Type Description (See Attachment 2): B, C

Is project completed? Yes: X No

If no, when is the project scheduled to be completed?

If yes, how long did the project take from start to finish (not including ongoing monitoring & evaluation activities)? 1 week

Was the project completed within the original budget? Yes: X No

If no, what caused cost overruns?

What was the overall cost of the project? \$5,807.68

What was actually produced/built/accomplished by the project (please quantify if possible--e.g., 5 miles of fence constructed, 2 miles of streambank stabilized, 20 acres of land acquired, etc.)?

Site #6:

One vortex rock weir with root wad.

Two thousand feet of riparian fence installed.

Site #7:

One rock barb with rootwad, two low stage rock barbs with rootwads and one large woody debris placement.

Are salmon production/supplementation activities planned or currently being implemented in this watershed? Not at this time.

What will be the benefits of the products described above for anadromous fish?

Increased resting and rearing areas with the addition of five quality pools with vortex rock weir with rootwad, rock barbs with rootwads and woody debris placement for complex habitat. The area has been seeded to grass and fenced to exclude cattle. The site will be planted to trees and shrubs in the spring of 1998. The fencing of this site and the planting of trees and shrubs will help reduce fecal coliform contamination and reduce streambank sloughing. Once the trees mature, they will help shade the Creek thereby reducing water temperature.

When will these benefits become available (immediately, next summer, 5 years, 10 years)?

Project benefits will vary. The riparian area is fenced and tree and shrub plantings are identified for the spring of 1998. Planting benefits will be seen over a longer period of time while habitat structures will have immediate benefits with the addition of pools and large woody debris for resting and rearing areas.

Were monitoring and evaluation activities undertaken in association with the project?

Yes: X No

If Yes, list types and duration of monitoring:

Photo monitoring with before and after pictures and yearly pictures taken from a fixed point.

HOBOT temperature meters record daily temperatures.

ISCO sediment samplers record daily suspended solids.

WSU Creek monitoring to measure monthly flows, fecal coliform levels, ammonia, nitrate, total nitrogen and total phosphorous.

Are "before and after" photographs of the project site available? Yes: X No